A U S T I N C I T Y C O U N C I L

AGENDA

Thursday, February 14, 2008

Public Works **Item No. 32**
RECOMMENDATION FOR COUNCIL ACTION

Subject: Authorize execution of a construction contract with EXCEL CONSTRUCTION SERVICES, LLC., Leander, Texas for Montopolis Shafts and Lateral Repair Project in the amount of $2,099,144 plus a $104,957.20 contingency, for a total contract amount not to exceed $2,204,101.20.

Amount and Source of Funding: Funding is available in the Fiscal Year 2007-2008 Capital Budget of the Austin Water Utility.

Fiscal Note: A fiscal note is attached.

For More Information: Gary P. Jackson 974-7115, L. Randy Pohren, P.E. 972-0223, Robin Field 974-7064.

Purchasing Language: Lowest of four bids received.

MBE/WBE: This contract will be awarded in compliance with Chapter 2-9A of the City Code (Minority Owned and Women Owned Business Enterprise Procurement Program) through achievements of Good Faith Efforts of 0.34% MBE and 0.07% WBE subcontractor participation.

Boards and Commission Action: Recommended by the Water and Wastewater Commission.

The City of Austin, Texas placed the Govalle Wastewater Tunnel into service in 1988. The Govalle Tunnel conveys wastewater generated in central Austin and the downtown area to the South Austin Regional Wastewater Treatment Plant (SAR WWTP). The Govalle Tunnel is an approximately 8-mile long, 96-inch internal diameter, cast-in-place concrete tunnel installed at an average depth of 100 feet. The tunnel is equipped with five access sites with connecting laterals.

The recent Govalle Tunnel System manned inspection identified rehabilitation needs for the Govalle Tunnel system. The first Govalle Tunnel System Rehabilitation and Improvements project will be at the Montopolis Site.

This Project includes the structural repair of the large diameter, deep access, drop, and flume shafts and lateral at the Montopolis Site using cementitious repair followed by application of an epoxy protective coating system. Also included in this project is the temporary flow management (bypass pumping) required to divert wastewater flows to allow for the structural repair. Junction Boxes A and B, which are located upstream of the Montopolis shafts and lateral, will also be rehabilitated as part of this Project.

The purpose of the Work is to structurally repair the existing shafts and lateral at the Montopolis Site to repair the impacts of corrosion and protect from future corrosion. The Work shall include furnishing all tools, labor, materials, equipment and miscellaneous items necessary for the complete construction of temporary flow management, shaft and lateral concrete repair, and wastewater junction box rehabilitation. The repair method includes the application of a protective coating system for structural restoration and corrosion resistance. The Work shall also include implementation of a health and safety plan and site security plan, hazardous area monitoring, and securing tunneling access in order to complete the Montopolis site rehabilitation.

Due to the potential for unknown subsurface conditions, a 5% contingency in funding has been included to allow for the expeditious processing of any change orders. The contract allows 180 calendar days for completion of this project. The Consultant's estimate of probable cost is $2,813,658.54.